CURRICULUM VITAE

Name : Assoc. Prof. Dr. Lim Kean Pah

Citizenship : Malaysian

Gender : Male

Academic Qualification :

Certificate / Qualification obtained	Name of School / Institution	Year	Area
Bachelor of Science (Honours)	Universiti Putra Malaysia	1996	Physics
Master of Sciences	Universiti Putra Malaysia	1999	Magnetic Thin Films
Ph.D.	Universiti Putra Malaysia	2002	Magnetic Materials

Employment start date : 1-8-2003

Address : Physics Department, Faculty of Science, 43400, UPM Serdang, Selangor, Malaysia

Email : limkp@upm.edu.my

List of publications
K. P. Lim, · S. W. Ng, · L. N. Lau, · M. M. Awang Kechik, · S. K. Chen, and · S. A. Halim (2019). Unusual electrical behaviour in sol–gel‑synthesised PKMO nano‑sized manganite. *Applied Physics A: Material Science And Processing* 125:745
Nurhidayah Mohd Hapipi, Jee Khan Lim, Soo Kien Chen, Oon Jew Lee, Abdul Halim Shaari, Mohd Mustafa Awang Kechik, Kean Pah Lim, Kar Ban Tan, Masato Murakami and Muralidhar Miryala (2019). Comparative Study on AC Susceptibility of $YBa_2Cu_3O_{7-d}$ Added with $BaZrO_3$ Nanoparticles Prepared via Solid-State and Co-Precipitation Method. *Crystals* 9, 655
PAN KAI YAP, ABDUL HALIM SHAARI, HUSSEIN BAQIAH, CHEN SOO KIEN, JUMIAH HASSAN, MOHD MUSTAFA AWANG KECHIK, LIM KEAN PAH & ZAINAL ABIDIN TALIB. (2019) Growth and Magnetic Behaviours of La0.7Sr0.3MnO3 Nanoparticles Synthesized via Thermal Treatment Method. *Sains Malaysiana* 48(2): 369–375
Nurhidayah Mohd Hapipi, · Soo Kien Chen1, · Abdul Halim Shaari,· Mohd Mustafa Awang Kechik, Kar Ban Tan, Kean Pah Lim, · Oon Jew Lee. (2019) AC Susceptibility of BaZrO3 Nanoparticles Added YBa2Cu3O7−δ Superconductor Prepared via

Coprecipitation Method. *Journal of Superconductivity and Novel Magnetism* volume 32, pages1191–1198
S.W. Ng, K.P. Lim, S.A. Halim, H. Jumiah, (2018) Grain size effect on the electrical and magneto-transport properties of nanosized Pr0.67Sr0.33MnO3. *Results in Physics*. 9 : 1192–1200
K. P. Lim, S. A. Halim, S.K.Chen, M. M. Awang Kechik, S. W. Ng and W. N. W.Wan Jusoh. (2018) Grain Size Effect on Electrical and Magnetotransport Properties of La0.67Ca0.33MnO3 synthesized via Sol-Gel Method. *IOP Conf. Series: Journal of Physics: Conf. Series* 1083: 012059
H S Woon, L S Ewe, K P Lim, I Ismail, C Y Tan and Y W Wong. (2018) Effect of Particle Size on Maximum Energy Product of Wastederived Ferrites. *IOP Conf. Series: Journal of Physics: Conf. Series* 1083 : 012058
Lim, K. P., Shaari, A. H., Chen, S. K., Jumiah, H., Ng, S. W., Wan Jusoh, W. N. W., & Fadin, N. F. M. (2017). Electrical Transport Properties and Magnetoresistance of $Pr_{0.67}Sr_{0.33}MnO_3$-NiO Composites. *Solid State Phenomena, 268*, 292-296.
W. N. W. Wan Jusoh, K. P. Lim*, M. M. Awang Kechik, S. A. Halim, S. W. Ng, "Effect of Sr Substitution in La-Ca-Mn-O Compound on Structural and Electrical Properties", Materials Science Forum, *Vol. 846, pp 345-351, 2016 , doi:10.4028/www.scientific.net/MSF.846.345*
K. P. Lim, H. M. Albert Gan, S. K. Chen, Z. A. Talib, S. A. Halim, S. W. Ng, H. W. Chin, "Lattice Strain Effect in Structural, Magnetoresistance and Electrical Properties of La0.67Sr0.33MnO3 Bulk and Thin Film System", Materials Science Forum, *Vol. 846, pp 635-640, 2016, doi:10.4028/www.scientific.net/MSF.846.635*
A.A.A. Najm, A.H. Shaari, H. Baqiah, E. Bin Saion, L.K. Pah, C.S. Kien and M.M.A. Kechik, "Structural, Electrical and Magnetic Properties of BiFe1-*x*YxO3 ($0 \leq x \leq 0.6$) Ceramics", *J. Ceram. Sci. Tech.*, 07 [04] 329-334 (2016) DOI: 10.4416/JCST2016-00028
A. Kamalianfar, Mahmoud Godarz Naseri, Marzih Kamalianfar, S. A. Halim, K. P. Lim, "Growth and Characterization of Pencil-Like ZnO Nanowires in the Presence of a Disturbance in Boundary Layer" Acta Metall. Sin. (Engl. Lett.), June 2016, Volume 29, Issue 6, pp 595–600 DOI 10.1007/s40195-016-0425-y
W. N. W. Wan Jusoh, K. P. Lim, M. M. Awang Kechik, S. A. Halim, S. W. Ng and H. S. Woon, "Effect of Sintering Temperature on Structure, Microstructure and Magnetic Properties of $La_{0.67}Ca_{0.33}MnO_3$ Synthesized via Sol-Gel Method", *Solid State Science and Technology, Vol. 24, No 1 (2016) 198-209* ISSN 0128-7389
K. P. Lim, S. A. Halim, S. K. Chen, S. W. Ng and Z. Y. Chew, "Effect of Calcination Temperature on Electrical Properties of Nd0.7Ba0.3MnO3", AIP Conference Proceedings **1657**, 100004 (2015); doi: 10.1063/1.4915211
W. N. W. Wan Jusoh, K. P. Lim, M. M. Awang Kechik, S. A. Halim and S. W. Ng, "STRUCTURE, MICROSTRUCTURE AND MAGNETIC PROPERTIES STUDY OF CERAMIC COMPOSITE (La0.67Ca0.33MnO3)1-x/(Nano-sizedá-Fe2O3)x", Solid State Science and Technology, Vol. 23, No 1 & 2 (2015) 99-107
Kean Pah Lim, Kuen Hou Cheong, Abdul Halim Shaari, Mansor Hashim, Albert Han Ming Gan, Hui Wei Chin and Siau Wei Ng, "Influence of Molar Ratio of Citric Acid to Metal Ions on Structure, Microstructure and Electrical Transport Properties on Nanosized $La_{0.85}Na_{0.15}MnO_3$", Advanced Materials Research Vol. 1107 (2015) pp 261-266
H. W. Chin, K. P. Lim, S. A. Halim, S. K. Chen, S. W. Ng, H. M. Albert Gan and K. H.

Cheong, "Influence of Grain Formation on Electrical Properties of $La_{0.67}Sr_{0.33}MnO_3$", Advanced Materials Research Vol. 1107 (2015) pp 255-260
S. W. Ng, K. P. Lim, S. A. Halim, H. Jumiah, H. M. Albert Gan, H. W. Chin, K. H. Cheong, " Effect of Sintering on Structural and Transport Properties on Nanosized $Pr_{0.85}Na_{0.15}MnO_3$ ", Advanced Materials Research Vol. 1107 (2015) pp 272-277
Kai Yap Pan, Abdul Halim Shaari, Soo Kien Chen, Kean Pah Lim, Manizheh Navasery, Mohd Mustafa Awang Kechik, "Effect of Sintering Temperature on Structural, Electrical And Magnetic Properties of $La_{0.7}Sr_{0.3}MnO_3$", Advanced Materials Research Vol. 1107 (2015) pp 283-288
Kwee Yong Tan, Kar Ban Tan, Kean Pah Lim, Abdul Halim Shaari and Soo Kien Chen, "Effect of Sintering Temperature on the Superconducting Properties of MgB_2 Superconductor Co-added with a High Concentration of Si and C " Advanced Materials Research Vol. 1107 (2015) pp 589-594

Research Project					
Project No.	*Project Title*	*Role*	*Year*	*Source of fund*	*Status*
FRGS/1/2019/STG07/UPM/02/4	Elucidating Magnetoresistivity in Neodymium Strontium Manganite/Metal Oxide Semiconductors nanocomposite for High Sensitivity Magnetic Sensing	Project	2019	FRGS (RM 102,000)	On-going
GP-IPS/2018/9663900	Enhancemenot f Low-FieldM agnetoresistiveE ffecti n (La, Nd)-Sr-Mn-OV io Addition of Nano-SizeA l2O3, CUO & NiO	Project Leader	2018	UPM (RM 25,000)	On-going
GP/2017/9567400	Enhancement of Low-Field Magnetoresistive Effect in La-(Ca,Ba)-Mn-O Nanocomposites via Addition of Nano-size Fe_2O_3,Co_3O_4 and La_2O_3 Oxides	Project Leader	2017	UPM (RM 50,000)	Completed